

Anti-Static PVC Floor Tiles

500 x 500 mm modular anti-static interlocking PVC floor tile

The interlocking PVC tiles are designed for practical DIY installation and in most instances no adhesive is required. The most common size is 500 x 500 x 5 mm. This particular tile contains 3.5% anti-static dosage against a recommended 3.0% dosage and is designed to last for approximately 5 years.



KEY FEATURES

- Practical DIY interlocking installation
- No adhesive required in most installations
- Anti-static filler for static-sensitive areas
- Easy to mop and maintain
- Available in black and colour options

PRODUCT VARIANTS / QUICK SPECS

Variant	Dimensions	Thickness	Weight	Coverage
Recycled Black PVC	500 x 500 mm	5 mm	1300 g	4 tiles = 1 m ²
Virgin PVC Colour	500 x 500 mm	5 mm	1300 g*	4 tiles = 1 m ² *

*Source sheet marks virgin PVC weight/coverage as 'to change'.

ANTI-STATIC ADDITIVE

Property	Value
Additives	Anti-static filler
Recommended dosage	3.0%
Actual dosage	3.5%
Carrier	EVA, PVC

INSTALLATION RULES

- Store tiles flat after purchase to prevent bending.
- If a tile bends, warm it in the sun for about 1 hour before installation.

COLOUR OPTIONS



TYPICAL APPLICATIONS

- Airports, car garages and warehouses.
- Industrial work areas, training areas, gyms and workshops.

PVC Floor Tile

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Strydom Park, Randburg
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Maintenance, Warranty & Technical Test Data

CLEANING, MAINTENANCE & WARRANTY

Cleaning & Maintenance

- Use a soft broom to remove dirt and reduce scratching.
- Use non-sticky detergent with lukewarm or cold water.
- Wipe spills and liquids promptly to avoid stickiness.
- Avoid sharp tools or objects where possible.

Warranty & Guarantee

- PVC Floor Tile states a 1-year guarantee and 2-year warranty.
- Faulty tiles must be returned to PVC Floor Tile (Pty) Ltd for assessment.
- Replacement or exchange applies to the extent of damage.
- Excludes disaster, misuse, tampering, abuse or unauthorised modification/repair.

FINAL PRODUCT TEST RESULTS

El	PPM/%	+/-	Result
Sn	104	27	
Fe	84	8	
Cr	39	7	Pass
Sr	17.9	1.2	
Zn	771	12	
Cd	ND	<44	Pass
Pb	ND	<2.7	Pass
As	4.8	0.4	
Ca	>10%		
Cl	>10%		
Hg	7.1	0.9	Pass
Ti	405	38	
Br	4	0.6	Pass
Ba	411	85	

Overall result: PVC - Pass

RAW MATERIAL PROPERTIES

Property	Typical value / method
Relative density	1.53 SABS 649
BSS softness	20 BS2782 365A
Shore A	91 Conversion Table 3
Tensile strength	13.1 MPa SABS 503
Elongation	208% SABS 504
Tensile retained	112% SABS 507
Elongation retained	91%
Loss of mass max	0.3 mg/cm ² SABS 510
Oil immersion tensile	SABS 510
Oil immersion elongation	SABS 511
Petroleum volume variation	SABS 1017
Sticking / cracks	SABS 150
Cold bend	-30°C SABS 501
Heat shock	150°C SABS 500
Hot pressure test	34%
Resistance to burning	6.1 sec SABS 502
Processing temperatures	155/150/145/140°C

Other referenced tests: Cold flex - BS2782 Part 1; low-temperature elongation - BS6469 14.992; low-temperature impact - BS6469 14.993; volume resistivity at 20°C - Hewlett Packard; limiting oxygen index - value not stated.

Source note: All information is given in good faith but without warranty. Values reproduced from the supplied data sheet.

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